

# Projects Supported by Lenovo's Carbon Compensated Program

**Project: Solar - [View details](#)**

**Country: India**

**Certification: Gold Standard**

The project generates clean electricity by using solar power resources at a solar photovoltaic (PV) plant. The energy generated by the project reduces GHG emissions by displacing an equivalent amount of power from the grid, which is fed mainly by fossil-fuel-fired power plants. In contrast with fossil fuel power plants, the energy produced by this project results in zero GHG emissions. The project also creates employment opportunities, improves the economy and livelihoods of the local communities, and promotes solar technology and project development in India.



**Project: Wind - [View details](#)**

**Country: Turkey**

**Certification: Gold Standard**

The project activity generates renewable electric energy in Turkey through the operation of a wind farm. The project consists of 35 wind turbines and reduces greenhouse gas emissions by displacing fossil-fuel based electricity. In addition, the project creates local jobs, contributes to the region's sustainable development, improves air quality, and stimulates the growth of the wind power sector in Turkey.

**Project: Adipic Acid, N<sub>2</sub>O Abatement - [View details](#)**

**Country: United States**

**Certification: Climate Action Reserve**

The Florida N<sub>2</sub>O Abatement Project is the largest voluntary nitrous oxide (N<sub>2</sub>O) abatement project in North America. Ascend, a producer of nylon 6,6 resin, developed and installed a proprietary technology to voluntarily abate N<sub>2</sub>O, a greenhouse gas with a global warming potential 265 times that of carbon dioxide. The project permanently destroys N<sub>2</sub>O emissions at Ascend's adipic acid plant and reduces millions of tonnes of CO<sub>2</sub>e emissions annually.

**Gold Standard**<sup>®</sup>



**CLIMATE  
ACTION  
RESERVE**

## About Gold Standard

Gold Standard is designed to accelerate progress toward climate security and sustainable development. The standard enables initiatives to quantify, certify and maximize their impacts toward climate security and the Sustainable Development Goals, while enhanced safeguards, holistic project design, management of trade-offs and local stakeholder engagement ensure Gold Standard delivers the highest levels of environmental and social integrity.

## About CAR

The Climate Action Reserve is a trusted, efficient, and experienced offset registry for global carbon markets. The Reserve encourages action to reduce greenhouse gas (GHG) emissions by ensuring the environmental integrity of emissions reduction projects. The Reserve establishes high-quality standards for carbon offset projects and oversees independent third-party verification bodies.



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**Project:** Wind - [View details](#)

**Country:** Chile

**Co-Benefits:** Improves local infrastructure, creates jobs, increased wages, and improves working conditions

This project increases the participation of renewable energy in Chile, promotes renewable technology that diversifies the Chilean energy sources, and contributes to the mitigation of climate change. In addition, the project generates local social benefits and no relevant local environmental impacts.

**Project:** Biomass Utilization - [View details](#)

**Country:** China

**Co-Benefits:** Job creation, reduction of greenhouse gas and other pollutants resulting from business-as-usual power generation

Rice straw, wheat straw, and wood residues are used as fuel for power generation. The project achieves emission reductions by avoiding CO<sub>2</sub> emissions from electricity generated by traditional fossil-fuel fired power plants.

**Project:** Wind - [View details](#)

**Country:** Mexico

**Co-Benefits:** Local employment, infrastructure improvement

The project activity generates renewable electric energy in Mexico through the construction and operation of a 90 MW wind farm in the municipality of Unión Hidalgo, Oaxaca State. The project reduces greenhouse gas emissions compared to a business-as-usual scenario by displacing fossil-fuel based electricity. In addition, it reduces other pollutants (CO, NO<sub>x</sub>, SO<sub>2</sub>) resulting from the power generation industry in Mexico.

**Project:** Wind - [View details](#)

**Country:** Mexico

**Co-Benefits:** Local employment, infrastructure improvement

Phase II of the Mexico Wind project above. The project activity generates renewable electric energy in Mexico through the construction and operation of a 137 MW wind farm in the municipality of Unión Hidalgo, Oaxaca State. The project reduces greenhouse gas emissions compared to a business-as-usual scenario by displacing fossil-fuel based electricity. In addition, it reduces other pollutants (CO, NO<sub>x</sub>, SO<sub>2</sub>) resulting from the power generation industry in Mexico.



## Global Climate Action

United Nations Climate Change



- Reward approved projects located in developing countries and encourage the development of new projects
- Help bring sustainable development benefits to communities, such as improved air and water quality, improved income, improved health, reduced energy consumption, and much more
- Contribute to the achievement of the UN Sustainable Development Goals (SDGs)
- Make a difference for the future!